Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	624	(562/507).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L2	2	("6289286").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L3	2	("6586587").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L4	2	("6289286").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L5	2	("6586587").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L6	2	("4166842").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L7	2	("5808150").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/07 12:09
L8	0	diaminocyclohex$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L9	5381	diaminocyclohex$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L10	12	L1 and L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L11	13228	chloroacetic or bromoacetic or iodoacetic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09

L12	26	L1 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L13	4	"2519708".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L14	2	"5808150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L15	5	L9 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:09
L16	2	"6867327".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/07 12:28

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	STN Patent Forums to be held in June 2005
NEWS	20	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	21	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	22	JUN 13	FRFULL enhanced with patent drawing images
NEWS	23	JUN 20	MEDICONF to be removed from STN
NEWS	24	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	25	JUL 01	MEDICONF removed from STN

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:53:03 ON 07 JUL 2005

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:53:11 ON 07 JUL 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUL 2005 HIGHEST RN 853990-77-9
DICTIONARY FILE UPDATES: 6 JUL 2005 HIGHEST RN 853990-77-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

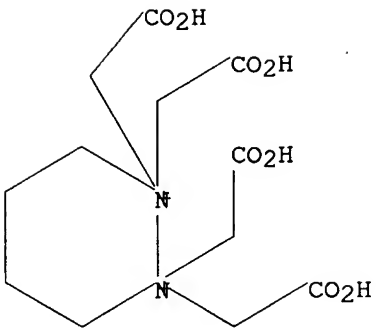
Please note that search-term pricing does apply when conducting SmartSELECT searches.

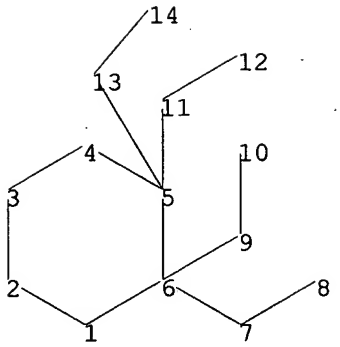
****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

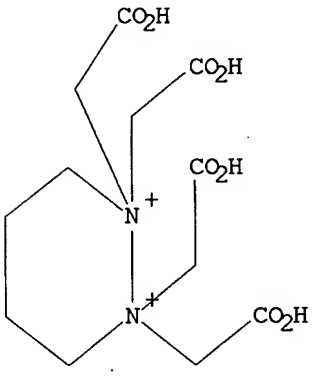
=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10731123\10731123 compound.str





L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.86	1.07

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:54:32 ON 07 JUL 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

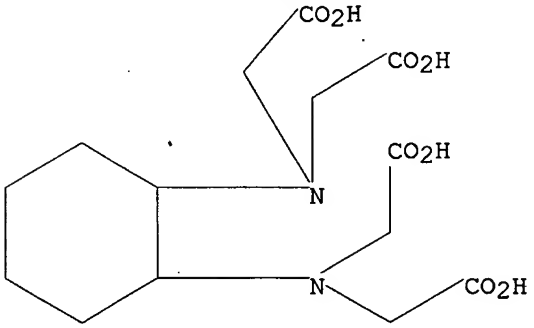
LOGINID:SSSPTA1623PAZ

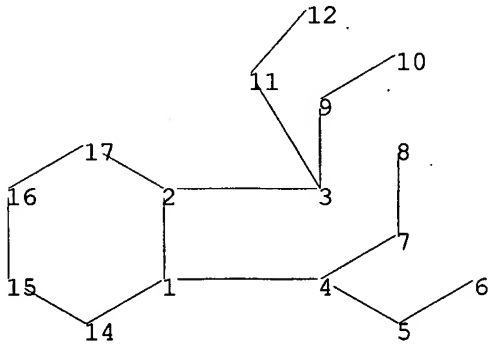
PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 09:56:51 ON 07 JUL 2005
FILE 'REGISTRY' ENTERED AT 09:56:51 ON 07 JUL 2005

COST IN U.S. DOLLARS	SINCE FILE	TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	0.86	1.07

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10731123\10731123 tetraacetic acid.str



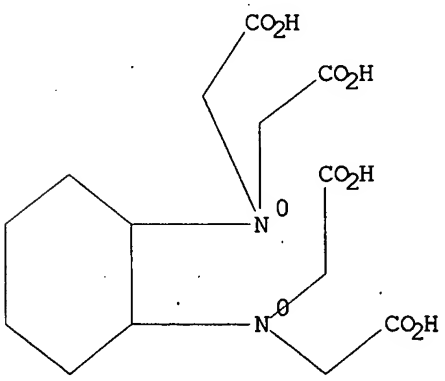


chain nodes :
3 4 5 6 7 8 9 10 11 12
ring nodes :
1 2 14 15 16 17
chain bonds :
1-4 2-3 3-11 3-9 4-5 4-7 5-6 7-8 9-10 11-12
ring bonds :
1-14 1-2 2-17 14-15 15-16 16-17
exact/norm bonds :
1-14 1-2 1-4 2-17 2-3 3-11 3-9 4-5 4-7 14-15 15-16 16-17
exact bonds :
5-6 7-8 9-10 11-12

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 14:Atom 15:Atom 16:Atom 17:Atom

L2 STRUCTURE UPLOADED

=> d l2
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> logoff hold
COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 1.29 | 1.50

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:57:27 ON 07 JUL 2005

Connecting via Winsock to STN

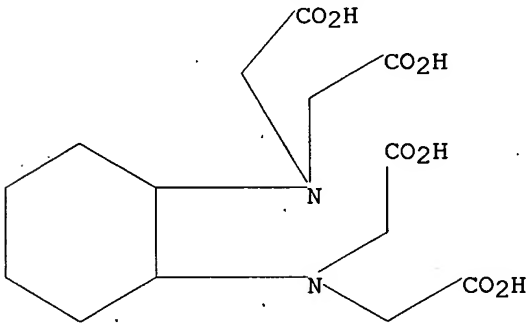
Welcome to STN International! Enter x:x

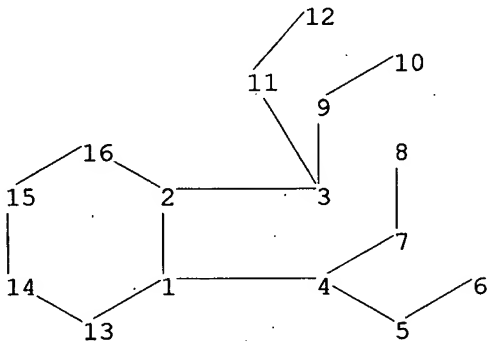
LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 10:28:05 ON 07 JUL 2005
FILE 'REGISTRY' ENTERED AT 10:28:05 ON 07 JUL 2005
COPYRIGHT (C) 2005 American Chemical Society (ACS)

COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 1.29 | 1.50

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10731123\10731123 tetraacetic acid N .str



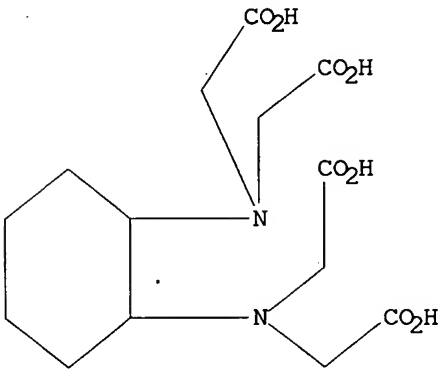


chain nodes :
3 4 5 6 7 8 9 10 11 12
ring nodes :
1 2 13 14 15 16
chain bonds :
1-4 2-3 3-11 3-9 4-5 4-7 5-6 7-8 9-10 11-12
ring bonds :
1-13 1-2 2-16 13-14 14-15 15-16
exact/norm bonds :
1-13 1-2 1-4 2-16 2-3 3-11 3-9 4-5 4-7 13-14 14-15 15-16
exact bonds :
5-6 7-8 9-10 11-12

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



Structure attributes must be viewed using STN Express query preparation.

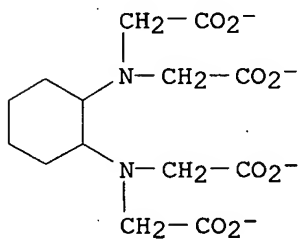
=> search l3 exact full
FULL SEARCH INITIATED 10:29:33 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 48 TO ITERATE

100.0% PROCESSED 48 ITERATIONS 15 ANSWERS
SEARCH TIME: 00.00.01

L4 15 SEA EXA FUL L3

=> d scan

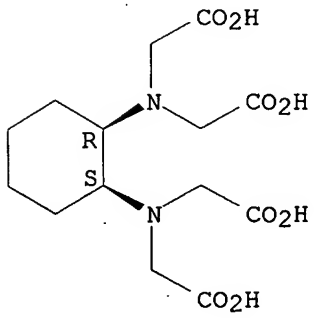
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1,2-cyclohexylenedinitrilo)tetra-, ion(4-), trans-(-)- (8CI)
MF C14 H18 N2 O8



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):15

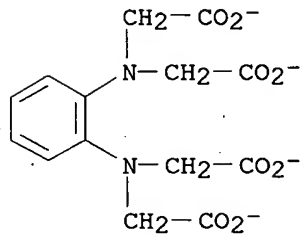
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-(1R,2S)-1,2-cyclohexanediylbis[N-(carboxymethyl)-, rel-
(9CI)
MF C14 H22 N2 O8

Relative stereochemistry.

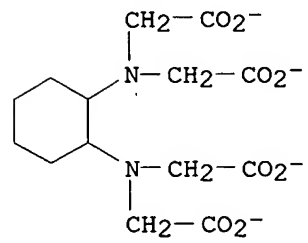


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

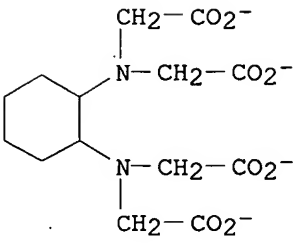
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-phenylenebis[N-(carboxymethyl)-, ion(4-) (9CI)
MF C14 H12 N2 O8



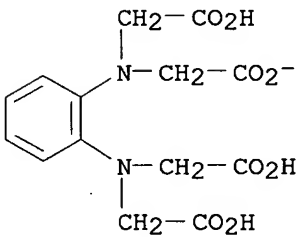
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-cyclohexanediylbis[N-(carboxymethyl)-, ion(4-) (9CI)
MF C14 H18 N2 O8



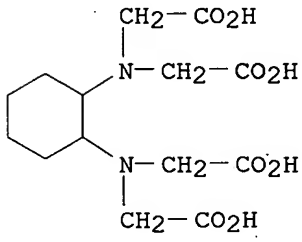
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, (1,2-cyclohexylenedinitrilo)tetra-, ion(4-), trans-(+)- (8CI)
MF C14 H18 N2 O8



L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-phenylenebis[N-(carboxymethyl)-, ion(1-) (9CI)
MF C14 H15 N2 O8



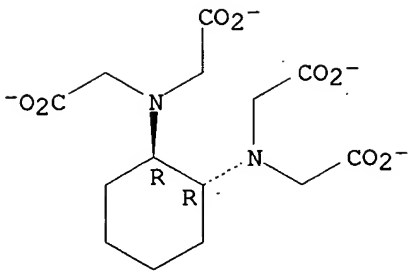
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-cyclohexanediylbis[N-(carboxymethyl)- (9CI)
MF C14 H22 N2 O8
CI COM



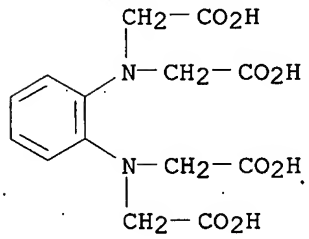
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-(1R,2R)-1,2-cyclohexanediylbis[N-(carboxymethyl)-, ion(4-), rel- (9CI)
MF C14 H18 N2 O8

Relative stereochemistry.

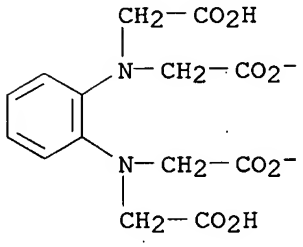


L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-phenylenebis[N-(carboxymethyl)- (9CI)
MF C14 H16 N2 O8
CI COM



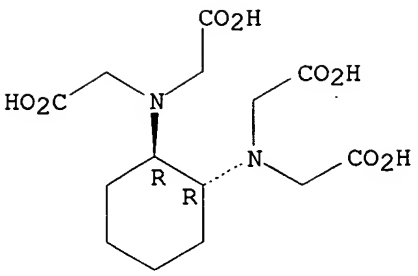
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-phenylenebis[N-(carboxymethyl)-, ion(2-) (9CI)
MF C14 H14 N2 O8



L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-(1R,2R)-1,2-cyclohexanediylbis[N-(carboxymethyl)-, rel-
(9CI)
MF C14 H22 N2 O8
CI COM

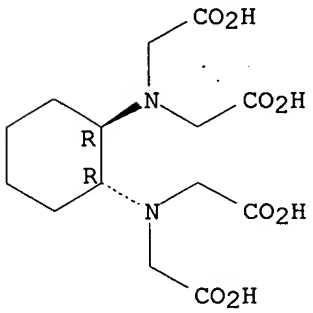
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

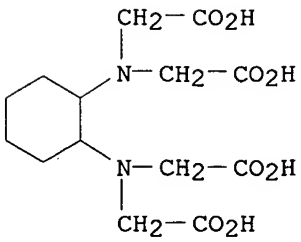
L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-[(1R,2R)-1,2-cyclohexanediyl]bis[N-(carboxymethyl)- (9CI)
MF C14 H22 N2 O8
CI COM

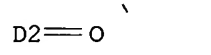
Absolute stereochemistry.



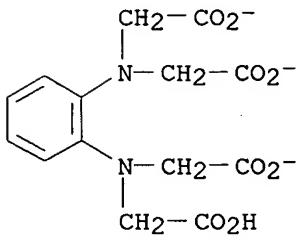
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-cyclohexanediylbis[N-(carboxymethyl)-, monooxo deriv. (9CI)
MF C14 H20 N2 O9
CI IDS



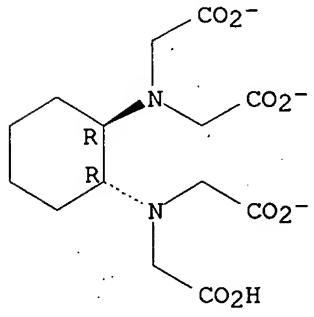


L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-phenylenebis[N-(carboxymethyl)-, ion(3-) (9CI)
MF C14 H13 N2 O8



L4 15 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Glycine, N,N'-1,2-cyclohexanediylbis[N-(carboxymethyl)-, ion(3-), trans- (9CI)
MF C14 H19 N2 O8

Relative stereochemistry.



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	57.26	57.47

FILE 'CAPLUS' ENTERED AT 10:30:16 ON 07 JUL 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 6 Jul 2005 (20050706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 14
L5 1775 L4

=> save temp 15 rawacids
RAWACIDS IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query, answer set, or L-number list. The name must:
1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).
ENTER NAME OR (END):end

=> save temp 15 rawacids/a
ANSWER SET L5 HAS BEEN SAVED AS 'RAWACIDS/A'

=> 14/prep
1775 L4
3326044 PREP/RL
L6 95 L4/PREP
(L4 (L) PREP/RL)

=> save temp 16 acidprep/a
ANSWER SET L6 HAS BEEN SAVED AS 'ACIDPREP/A'

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.24	60.71

FILE 'CAPLUS' ENTERED AT 10:32:15 ON 07 JUL 2005
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 6 Jul 2005 (20050706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> e chloroacetic acid/cn
REG1stRY INITIATED
Substance data EXPAND from CAS REGISTRY in progress...

E1	1	CHLOROACETIC 2-(ETHOXYCARBONYL)HYDRAZIDE/CN
E2	1	CHLOROACETIC ACETIC ANHYDRIDE/CN
E3	1 -->	CHLOROACETIC ACID/CN
E4	1	CHLOROACETIC ACID (1R,2S,5R)-5-METHYL-2-(1-METHYLETHYL)CYCLOHEXYL ESTER/CN
E5	1	CHLOROACETIC ACID 1',2',4'-TRIMETHYLPENT-2'-ENYL ESTER/CN
E6	1	CHLOROACETIC ACID 1,1-DIMETHYLETHYL ESTER/CN
E7	1	CHLOROACETIC ACID 1-(2,2-DIMETHYL-1-OXOPROPYL)-1H-INDOL-6-YL ESTER/CN
E8	1	CHLOROACETIC ACID 3,5-DICHLOROANILIDE/CN
E9	1	CHLOROACETIC ACID 4-CHLOROANILIDE/CN
E10	1	CHLOROACETIC ACID ANHYDRIDE/CN
E11	1	CHLOROACETIC ACID BENZYL ESTER/CN
E12	1	CHLOROACETIC ACID CESIUM SALT (2:1)/CN

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	62.04

FILE 'REGISTRY' ENTERED AT 10:32:42 ON 07 JUL 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUL 2005 HIGHEST RN 853990-77-9
DICTIONARY FILE UPDATES: 6 JUL 2005 HIGHEST RN 853990-77-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> e chloroacetic acid/cn
E1            1     CHLOROACETIC 2-(ETHOXYCARBONYL)HYDRAZIDE/CN
E2            1     CHLOROACETIC ACETIC ANHYDRIDE/CN
E3            1 --> CHLOROACETIC ACID/CN
E4            1     CHLOROACETIC ACID (1R,2S,5R)-5-METHYL-2-(1-METHYLETHYL)CYCLO
                    HEXYL ESTER/CN
E5            1     CHLOROACETIC ACID 1',2',4'-TRIMETHYLPENT-2'-ENYL ESTER/CN
E6            1     CHLOROACETIC ACID 1,1-DIMETHYLETHYL ESTER/CN
E7            1     CHLOROACETIC ACID 1-(2,2-DIMETHYL-1-OXOPROPYL)-1H-INDOL-6-YL
                     ESTER/CN
E8            1     CHLOROACETIC ACID 3,5-DICHLOROANILIDE/CN
E9            1     CHLOROACETIC ACID 4-CHLOROANILIDE/CN
E10           1     CHLOROACETIC ACID ANHYDRIDE/CN
E11           1     CHLOROACETIC ACID BENZYL ESTER/CN
E12           1     CHLOROACETIC ACID CESIUM SALT (2:1)/CN

=> e3
L7            1 "CHLOROACETIC ACID"/CN

=> e bromoacetic acid/cn
E1            1     BROMOACETATE(1-)/CN
E2            1     BROMOACETAZOLAMIDE/CN
E3            1 --> BROMOACETIC ACID/CN
E4            1     BROMOACETIC ACID 1,1-DIMETHYLETHYL ESTER/CN
E5            1     BROMOACETIC ACID 1,2-ETHANEDIYL ESTER/CN
E6            1     BROMOACETIC ACID 1,2-ETHANEDIYL ESTER-BROMOACETIC ACID 1-MET
                    HYL-1,2-ETHANEDIYL ESTER MIXTURE/CN
E7            1     BROMOACETIC ACID 1-METHYL-1,2-ETHANEDIYL ESTER/CN
E8            1     BROMOACETIC ACID 2,2,2-TRIFLUOROETHYL ESTER/CN
E9            1     BROMOACETIC ACID 2-((1,1-DIMETHYLETHOXY)CARBONYL)HYDRAZIDE/C
                    N
E10           1     BROMOACETIC ACID 2-((1-(2-OXO-1,2-DIHYDROINDOL-3-YLIDENE)-1,
                    3-DIHYDROISOBENZOFURAN-5-YL)AMINO)ETHYL ESTER/CN
E11           1     BROMOACETIC ACID 2-(2-METHOXYETHOXY)ETHYL ESTER/CN
E12           1     BROMOACETIC ACID 2-BROMOETHYL ESTER/CN

=> e3
L8            1 "BROMOACETIC ACID"/CN

=> e iodoacetic acid/cn
E1            1     IODOACETAMIDE-1-14C/CN
E2            1     IODOACETAMIDONAPHTHOL/CN
E3            1 --> IODOACETIC ACID/CN
E4            1     IODOACETIC ACID 1-METHYL-2-PROPENYL ESTER/CN
E5            1     IODOACETIC ACID 2,2-DIMETHYL-4-PENTENYL ESTER/CN
E6            1     IODOACETIC ACID 2-((1,1-DIMETHYLETHOXY)CARBONYL)HYDRAZIDE/CN
```

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E7            1     IODOACETIC ACID 2-METHYL-2-PROPENYL ESTER/CN
E8            1     IODOACETIC ACID 2-PENTENYL ESTER/CN
E9            1     IODOACETIC ACID 2-PROPENYL ESTER/CN
E10           1     IODOACETIC ACID 3-BUTENYL ESTER/CN
E11           1     IODOACETIC ACID 4-PENTENYL ESTER/CN
E12           1     IODOACETIC ACID 5-HEXENYL ESTER/CN

=> e3
L9            1 "IODOACETIC ACID"/CN

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                   14.66      76.70

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FILE COVERS 1907 - 7 Jul 2005  VOL 143 ISS 2
FILE LAST UPDATED: 6 Jul 2005  (20050706/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> l7
L10        9360 L7

=> l7 or l8 or l9
           9360 L7
           2967 L8
           3375 L9
L11       14348 L7 OR L8 OR L9

=> d his

     (FILE 'HOME' ENTERED AT 09:53:03 ON 07 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 09:53:11 ON 07 JUL 2005
L1                STRUCTURE UPLOADED
L2                STRUCTURE UPLOADED
L3                STRUCTURE UPLOADED
L4             15 SEARCH L3 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 10:30:16 ON 07 JUL 2005
L5           1775 L4
                  SAVE TEMP L5 RAWACIDS/A
L6             95 L4/PREP
                  SAVE TEMP L6 ACIDPREP/A
```

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     FILE 'CAPLUS' ENTERED AT 10:32:15 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:30 ON 07 JUL 2005
               E CHLOROACETIC ACID/CN

     FILE 'CAPLUS' ENTERED AT 10:32:30 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:42 ON 07 JUL 2005
               E CHLOROACETIC ACID/CN
L7             1 E3
               E BROMOACETIC ACID/CN
L8             1 E3
               E IODOACETIC ACID/CN
L9             1 E3

     FILE 'CAPLUS' ENTERED AT 10:33:48 ON 07 JUL 2005
L10         9360 L7
L11        14348 L7 OR L8 OR L9

=> l6 and l11
L12            5 L6 AND L11

=> d l12 1-5 ti fbib abs

L12  ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid as
     hydroxylamine compound stabilizer
AN   2005:527467  CAPLUS
DN   143:26880
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid as
     hydroxylamine compound stabilizer
IN   Ward, Irl E.; French, Danielle
PA   USA
SO   U.S. Pat. Appl. Publ., 5 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE       APPLICATION NO.         DATE
     ---------------     ----   --------   --------------------    --------
PI   US 2005131250        A1    20050616   US 2003-731123          20031210
                                            US 2003-731123          20031210
AB   The invention relates to the preparation of ultra-high purity
     1,2-diaminocyclohexanetetraacetic acid which is essentially free of
     unwanted metal and metal ion contaminants and its use as a stabilizer for
     ultra-high purity hydroxylamine compds. used extensively in the production of
     high premium electronic components.  The process comprises the steps: (a)
     neutralizing an aqueous solution of chloroacetic acid with a non-metal amino or
     hydroxide base, (b) reacting cis- or trans-1,2-diaminocyclohexane with the
     neutralized chloroacetic acid at an elevated temperature, (c) treating the
     product with a non-metal amino or hydroxide base and then with acid, and
     recovering the product formed.

L12  ANSWER 2 OF 5  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid for
     use as stabilizer for hydroxylamine compounds
AN   2004:493595  CAPLUS
DN   141:23905
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid for
     use as stabilizer for hydroxylamine compounds
IN   Ward, Irl E.; French, Danielle Anne
PA   BASF Aktiengesellschaft, USA
```

SO U.S. Pat. Appl. Publ., 5 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004116735	A1	20040617	US 2002-320082	20021216
US 6867327	B2	20050315		
EP 1431276	A1	20040623	EP 2003-27356	20031127
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
			US 2002-320082 A	20021216
JP 2004196796	A2	20040715	JP 2003-414120	20031212
			US 2002-320082 A	20021216

OS CASREACT 141:23905
AB The invention relates to the preparation of ultra-high purity 1,2-diaminocyclohexanetetraacetic acid (CDTA) which is essentially free of unwanted metal and metal ion contaminants and its use as a stabilizer for ultra-high purity hydroxylamine compds. used extensively in the production of high premium electronic components. The process for the preparation of CDTA comprising the steps of: (a) neutralizing chloroacetic acid in an aqueous medium with a non-metal amino or hydroxy base compound at < 10°C, (b) reacting the neutralized chloroacetic acid with 1,2-diaminocyclohexane at < 80°C., (c) adding a non-metal amino or hydroxy base, (d) heating the aqueous mixture at < 100°C, (e) filtering the mixture, (f) treating the aqueous filtrate with hydrochloric acid until a precipitate forms, (g) filtering the aqueous filtrate, and (h) recovering CDTA and optionally redissolving the 1,2-diaminocyclohexanetetraacetic acid in an aqueous solution and repeating steps (c) to (g).

L12 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Synthesis and study of 1,2-cyclohexylenedinitrilotetraacetic acid
AN 2001:844768 CAPLUS
DN 136:296484
TI Synthesis and study of 1,2-cyclohexylenedinitrilotetraacetic acid
AU Xu, Ying; Cao, Jun; Jin, Qiao
CS Investment Planing Center of Fushun, Fushun, 113006, Peop. Rep. China
SO Shiyou Huagong Gaodeng Xuexiao Xuebao (2001), 14(3), 36-39
CODEN: SHGXEC; ISSN: 1006-396X
PB Shiyou Huagong Gaodeng Xuexiao Xuebao Bianjibu
DT Journal
LA Chinese
AB The preparation methods of 1,2-cyclohexylenedinitrilotetraacetic acid (DCTA) are discussed in detail when cyclohexadiamine is used as the material, and the effect of reaction temperature, reaction time, the molar ratio of the material on the yield is investigated by the orthogonal design. The optimum reaction conditions are obtained: n(1,2-cyclohexanediamine): n(chloro acetic acid) = 1:6; The reaction temperature is 50°, the reaction time is 7 h. With low costs, mild reaction conditions, this process provides a new method for the deep processing of 1,2-cyclohexanediamine. The performance figures of this product have reached or exceeded the quality standard of the input reagent; the chemical property of DCTA and EDTA are compared by the application test, and the result shows that the quality of DCTA product is reliable and stable and the performance is fine. Thus it can be used as substitution of EDTA in the chemical industry.

L12 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Tetraacids derived from o-diamines: o-phenylenediamine-N,N,N',N'-tetraacetic acid and the monopotassium salt of 3,4-toluenediamine-

N,N,N',N'-tetraacetic acid
AN 1985:148615 CAPLUS
DN 102:148615
TI Tetraacids derived from o-diamines: o-phenylenediamine-N,N,N',N'-tetraacetic acid and the monopotassium salt of 3,4-toluenediamine-N,N,N',N'-tetraacetic acid
AU Mederos, A.; Herrera, J. V.; Felipe, J. M.; Quesada, M. L.
CS Fac. Quim., Univ. La Laguna, La Laguna, Spain
SO Anales de Quimica, Serie B: Quimica Inorganica y Quimica Analitica (1984), 80(3), 281-7
CODEN: AQSAD3; ISSN: 0211-1349
DT Journal
LA Spanish
AB The title acids were prepared, their IR, UV, H1 NMR, and mass spectra were analyzed, and their pKa in H2O were determined

L12 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
TI Comparison of the structures and aqueous solutions of [(o-phenylenediaminetetraacetato(2-)]cobalt(II) and [ethylenediaminetetraacetato(2-)]cobalt(II)
AN 1978:202291 CAPLUS
DN 88:202291
TI Comparison of the structures and aqueous solutions of [(o-phenylenediaminetetraacetato(2-)]cobalt(II) and [ethylenediaminetetraacetato(2-)]cobalt(II)
AU McCandlish, E. F. K.; Michael, T. K.; Neal, J. A.; Lingafelter, E. C.; Rose, N. J.
CS Chem. Dep., Univ. Washington, Seattle, WA, USA
SO Inorganic Chemistry (1978), 17(6), 1383-94
CODEN: INOCAJ; ISSN: 0020-1669
DT Journal
LA English
AB The crystal structure of Na2[Co(H2O)6][Co(PhDTA)]2.4H2O (I) (H4PhDTA = o-phenylenediaminetetraacetic acid) was determined and refined. The crystal structure of the previously known [Co(H2O)4CoL].2H2O (II) (H4L = EDTA) was refined. Crystallog. data are for I, a 14.1258(8), b 9.3649(6), c 8.5014(6) Å, α 98.760(6)°, β 100.649(6)°, γ 111.223(6)°, space group P.hivin.1, Z = 1, R = 0.032; and for II, a 14.504(4), b 9.719(3), c 13.280(4) Å, space group Pna21, Z = 4, R = 0.032. For both the coordination polyhedra of CoL2- and CoPhDTA2- there is significant distortion from an octahedron. For CoL2- the polyhedron is twisted much more away from a trigonal-prismatic and toward an antiprismatic configuration (octahedron) than is CoPhDTA2-. This smaller twist of CoPhDTA2- is due to several factors, among which are the nearly planar N-C-C-N linkages in PhDTA4- and the changes in the interligand atom repulsions caused by the shorter N-N bite in CoPhDTA2-. Evidence is presented which indicates that PhDTA4- serves as a hexadentate ligand over a wider pH range than does L4-. This observation is accounted for in terms of the stereochem. of PhDTA4-.

=> save temp all teraacidsrch/l
L# LIST L1-L12 HAS BEEN SAVED AS 'TERAACIDSRCH/L'

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.95	92.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:37:21 ON 07 JUL 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 11:27:03 ON 07 JUL 2005
FILE 'CAPLUS' ENTERED AT 11:27:03 ON 07 JUL 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.95	92.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.95	92.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:27:11 ON 07 JUL 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 11:53:20 ON 07 JUL 2005
FILE 'CAPLUS' ENTERED AT 11:53:20 ON 07 JUL 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.95	92.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

=> d his

```
     (FILE 'HOME' ENTERED AT 09:53:03 ON 07 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 09:53:11 ON 07 JUL 2005
L1                STRUCTURE UPLOADED
L2                STRUCTURE UPLOADED
L3                STRUCTURE UPLOADED
L4             15 SEARCH L3 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 10:30:16 ON 07 JUL 2005
L5           1775 L4
                  SAVE TEMP L5 RAWACIDS/A
L6             95 L4/PREP
                  SAVE TEMP L6 ACIDPREP/A

     FILE 'CAPLUS' ENTERED AT 10:32:15 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:30 ON 07 JUL 2005
                  E CHLOROACETIC ACID/CN

     FILE 'CAPLUS' ENTERED AT 10:32:30 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:42 ON 07 JUL 2005
                  E CHLOROACETIC ACID/CN
L7               1 E3
                  E BROMOACETIC ACID/CN
L8               1 E3
                  E IODOACETIC ACID/CN
L9               1 E3

     FILE 'CAPLUS' ENTERED AT 10:33:48 ON 07 JUL 2005
L10           9360 L7
L11          14348 L7 OR L8 OR L9
L12              5 L6 AND L11
                  SAVE TEMP ALL TERAACIDSRCH/L

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    16.40      93.10

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -3.65      -3.65

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:53:38 ON 07 JUL 2005

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 11:55:28 ON 07 JUL 2005
FILE 'CAPLUS' ENTERED AT 11:55:28 ON 07 JUL 2005
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
```

```
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                   16.40       93.10

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE      TOTAL
                                                      ENTRY     SESSION
CA SUBSCRIBER PRICE                                   -3.65       -3.65

=> ammonium
        348378 AMMONIUM
           395 AMMONIUMS
L13     348522 AMMONIUM
                 (AMMONIUM OR AMMONIUMS)

=> d his

     (FILE 'HOME' ENTERED AT 09:53:03 ON 07 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 09:53:11 ON 07 JUL 2005
L1               STRUCTURE UPLOADED
L2               STRUCTURE UPLOADED
L3               STRUCTURE UPLOADED
L4            15 SEARCH L3 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 10:30:16 ON 07 JUL 2005
L5          1775 L4
                 SAVE TEMP L5 RAWACIDS/A
L6            95 L4/PREP
                 SAVE TEMP L6 ACIDPREP/A

     FILE 'CAPLUS' ENTERED AT 10:32:15 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:30 ON 07 JUL 2005
                 E CHLOROACETIC ACID/CN

     FILE 'CAPLUS' ENTERED AT 10:32:30 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:42 ON 07 JUL 2005
                 E CHLOROACETIC ACID/CN
L7             1 E3
                 E BROMOACETIC ACID/CN
L8             1 E3
                 E IODOACETIC ACID/CN
L9             1 E3

     FILE 'CAPLUS' ENTERED AT 10:33:48 ON 07 JUL 2005
L10         9360 L7
L11        14348 L7 OR L8 OR L9
L12            5 L6 AND L11
                 SAVE TEMP ALL TERAACIDSRCH/L
L13       348522 AMMONIUM

=> l12 and l13
L14            1 L12 AND L13

=> d l14 ti fbib abs

L14  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid as
     hydroxylamine compound stabilizer
AN   2005:527467  CAPLUS
DN   143:26880
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid as
     hydroxylamine compound stabilizer
```

IN Ward, Irl E.; French, Danielle
PA USA
SO U.S. Pat. Appl. Publ., 5 pp.
    CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005131250	A1	20050616	US 2003-731123	20031210
				US 2003-731123	20031210

AB The invention relates to the preparation of ultra-high purity 1,2-diaminocyclohexanetetraacetic acid which is essentially free of unwanted metal and metal ion contaminants and its use as a stabilizer for ultra-high purity hydroxylamine compds. used extensively in the production of high premium electronic components. The process comprises the steps: (a) neutralizing an aqueous solution of chloroacetic acid with a non-metal amino or hydroxide base, (b) reacting cis- or trans-1,2-diaminocyclohexane with the neutralized chloroacetic acid at an elevated temperature, (c) treating the product with a non-metal amino or hydroxide base and then with acid, and recovering the product formed.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	22.74	99.44

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.38	-4.38

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:57:44 ON 07 JUL 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 12:06:33 ON 07 JUL 2005
FILE 'CAPLUS' ENTERED AT 12:06:33 ON 07 JUL 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	22.74	99.44

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.38	-4.38

=> potassium hydroxide
        562716 POTASSIUM
            15 POTASSIUMS
        562718 POTASSIUM
                (POTASSIUM OR POTASSIUMS)

```
        260076 HYDROXIDE
         43703 HYDROXIDES
        281431 HYDROXIDE
                  (HYDROXIDE OR HYDROXIDES)
L15      32370 POTASSIUM HYDROXIDE
                  (POTASSIUM(W)HYDROXIDE)

=> sodium hydroxide
        985042 SODIUM
            34 SODIUMS
        985051 SODIUM
                  (SODIUM OR SODIUMS)
        260076 HYDROXIDE
         43703 HYDROXIDES
        281431 HYDROXIDE
                  (HYDROXIDE OR HYDROXIDES)
L16      77891 SODIUM HYDROXIDE
                  (SODIUM(W)HYDROXIDE)

=> l16 or l15
L17      98787 L16 OR L15

=> d his

     (FILE 'HOME' ENTERED AT 09:53:03 ON 07 JUL 2005)

     FILE 'REGISTRY' ENTERED AT 09:53:11 ON 07 JUL 2005
L1               STRUCTURE UPLOADED
L2               STRUCTURE UPLOADED
L3               STRUCTURE UPLOADED
L4            15 SEARCH L3 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 10:30:16 ON 07 JUL 2005
L5         1775 L4
                  SAVE TEMP L5 RAWACIDS/A
L6           95 L4/PREP
                  SAVE TEMP L6 ACIDPREP/A

     FILE 'CAPLUS' ENTERED AT 10:32:15 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:30 ON 07 JUL 2005
                  E CHLOROACETIC ACID/CN

     FILE 'CAPLUS' ENTERED AT 10:32:30 ON 07 JUL 2005

     FILE 'REGISTRY' ENTERED AT 10:32:42 ON 07 JUL 2005
                  E CHLOROACETIC ACID/CN
L7             1 E3
                  E BROMOACETIC ACID/CN
L8             1 E3
                  E IODOACETIC ACID/CN
L9             1 E3

     FILE 'CAPLUS' ENTERED AT 10:33:48 ON 07 JUL 2005
L10         9360 L7
L11        14348 L7 OR L8 OR L9
L12            5 L6 AND L11
                  SAVE TEMP ALL TERAACIDSRCH/L
L13       348522 AMMONIUM
L14            1 L12 AND L13
L15        32370 POTASSIUM HYDROXIDE
L16        77891 SODIUM HYDROXIDE
L17        98787 L16 OR L15
```

```
=> l12 and l17
L18           1 L12 AND L17

=> d l18 ti

L18  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Preparation and purification of 1,2-diaminocyclohexanetetraacetic acid as
     hydroxylamine compound stabilizer


=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY     SESSION
FULL ESTIMATED COST                                    31.97      108.67

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY     SESSION
CA SUBSCRIBER PRICE                                    -4.38       -4.38

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:08:12 ON 07 JUL 2005
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